PATENT APPLICATION Docket No.: NC 84,888

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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OCT 2 1 2004

In the application of: Apisdorf et al.

Serial No.: 09/833,580 Filed: 04/13/2001

For: SYSTEM AND METHOD FOR INSTRUCTION-LEVEL PARALLELISM IN A

PROGRAMMABLE NETWORK PROCESSOR ENVIRONMENT

Examiner: Tsai, Henry Art Group Unit: 2183

Honorable Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

October 21, 2004

AMENDMENT IN REPONSE TO NON-FINAL REJECTION

Sir:

In response to the Office action of 05/21/2004, setting a three month shortened statutory period of reply, please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

CERTIFICATE OF FASCMILE TRANSMISSION

I certify that this correspondence is being facsimile transmitted to the US Patent and Trademark Office on the date shown below.